

FEEDBACK WRITE METHOD FOR PROGRAMMABLE MEMORY

ABSTRACT

5 An integrated circuit includes an array of state-change devices, first and second
decoder circuits for selecting a particular state-change device. A voltage source is
coupled to the first decoder circuit and sense circuitry is coupled to the second
decoder to receive an electrical parameter from the selected state-change device and to
detect a particular value of the electrical parameter. A control circuit is coupled to the
10 voltage source, the first and second decoders, and the sense circuitry to select a first
voltage from the voltage source to alter the selected state-change device and to select a
second voltage from the voltage source when the sense circuitry detects the particular
value of the electrical parameter.

15